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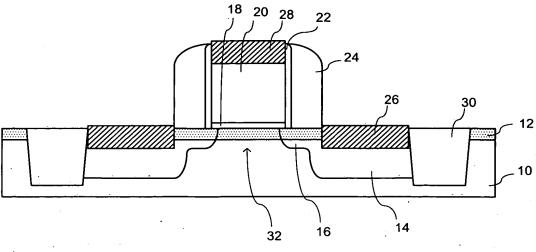
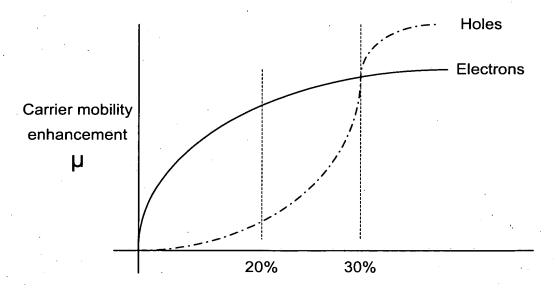


Figure 1



 $Si_{1-x}Ge_x$ germanium content

Figure 2

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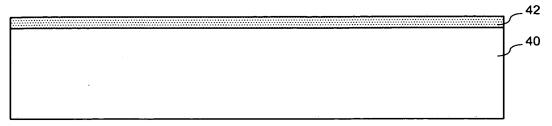


Figure 3a

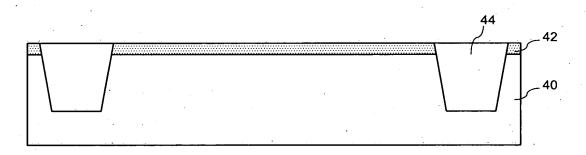


Figure 3b

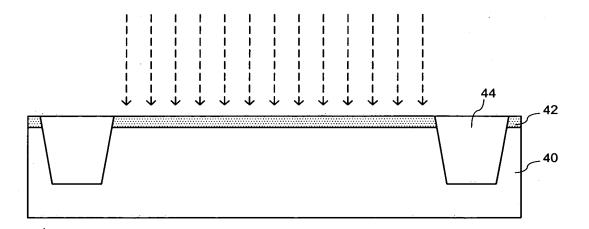


Figure 3c

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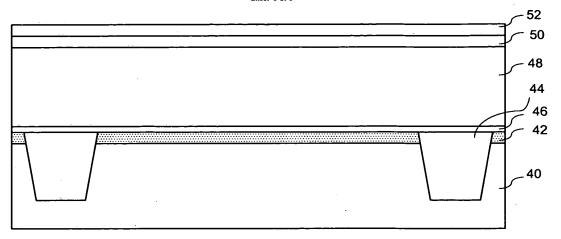


Figure 3d

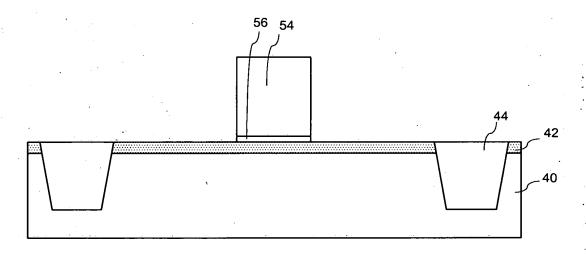


Figure 3e

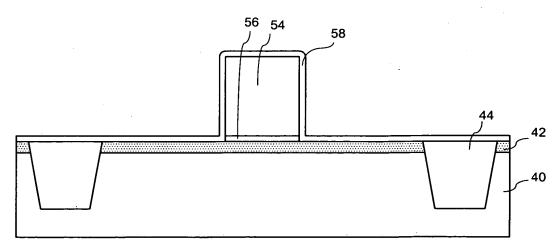
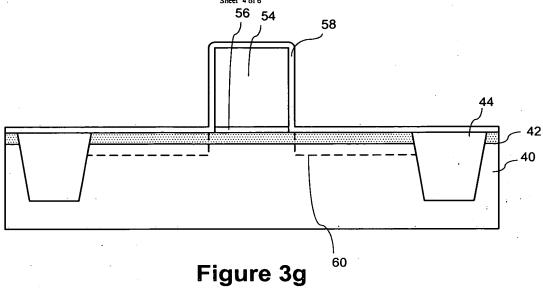
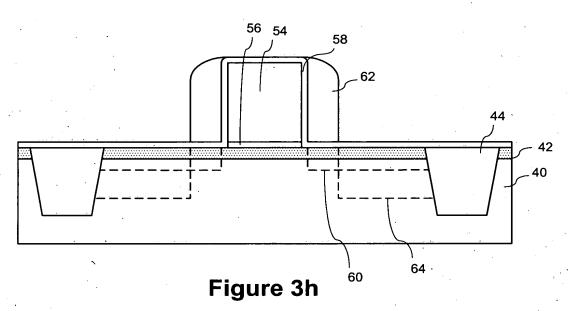
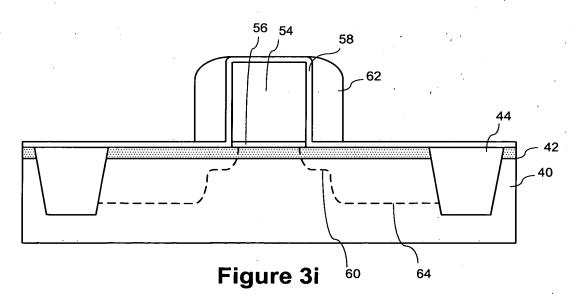


Figure 3f

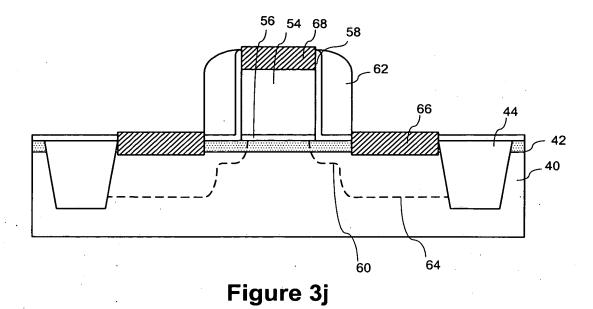
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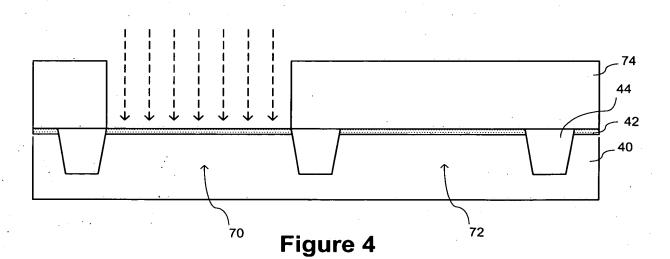






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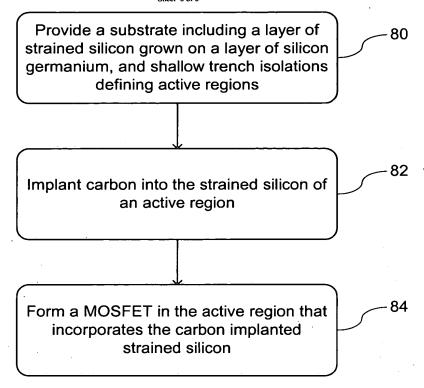


Figure 5

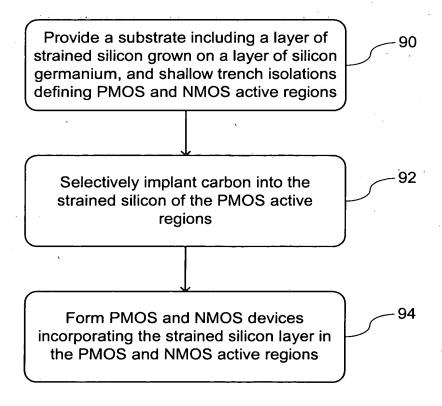


Figure 6